

Atty. Docket No. JP919990227US1  
(590.049)

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

**1. (Currently Amended) A computer system comprising:**

a plurality of user systems connected to each other, each user system being adapted to display a work area on a display screen, alternatively a plurality of user systems connected to each other through a computer network, wherein each of the user systems includes:

a collaboration work controller having a user management table for registering a node identification code given for each of the user systems and an owner identifier, which indicates the creator of objects, related to the node identification code, wherein said user management table comprises node identification codes, user names, owner identifiers, and security levels, and

an object management table for registering object information related to the node identification code, wherein said object management table comprises node identification codes, object data, and graying-out flags; and

an obtainer for obtaining, based on an event entry for an object, the node identification code related to the object by referring to the object management table, obtaining the owner identifier related to the obtained node identification code by referring

Atty. Docket No. JP919990227US1  
(590.049)

to the user management table, and displaying an owner identifier, wherein objects associated with the obtained owner identifier may be discriminated from objects associated with other owner identifiers the object on the screen in a manner such that objects associated with the owner identifier are discriminated from objects associated with other owner identifiers.

2. (Original) The computer system according to claim 1, wherein the event entry is a drawing operation carried out by the owner of the object, alternatively a selection operation carried out by a user other than the owner of the object.

3. (Previously Presented) The computer system according to claim 1, wherein the owner identifier is displayed at one of starting and finishing points of the object, and at other points of the object by means of superposition.

4. (Original) The computer system according to claim 3, further comprising an editor for performing an editing operation including copying, movement, deletion and others for the obtained object.

5. (Original) The computer system according to claim 4, wherein the user management table further registers security level information related to the node identification code, and the editing operation is permitted within a range compliant with the security level information.

Atty. Docket No. JP919990227US1  
(590.049)

6. **(Previously Presented)** The computer system according to claim 1, further comprising a deleter for deleting or eliminating by a timer operation the displaying on the screen of the user system the owner identifier discriminated from the other objects.

7. **(Original)** The computer system according to claims 1, further comprising a session controller for controlling a session for each collaboration work,

wherein the session controller includes a session management table for registering a session identification code for identifying the session, a user identification code for identifying a user taking part in the session, and a node identification code of the user system used by the user, and the session control controller refers to the session management table, and transmits the data to the other user systems taking part in the session regarding all sessions registering the user identification code contained in data sent from the user.

8. **(Previously Presented)** A method of identifying the owner of a collaboration work object, the object having been created based on collaboration work by using a computer system having a plurality of user systems connected to each other, alternatively a plurality of user systems connected to each other through a computer network, comprising the steps of:

causing one of the user systems to store object data contained in collaboration work data received from the other user systems in an object management table by relating the data to a node identification code of each of the other user systems, and to display an

Atty. Docket No. JP919990227US1  
(590.049)

object thereof on a screen of the user system, wherein said object management table comprises node identification codes, object data, and graying-out flags;

obtaining the node identification code by referring to the object management table when the object displayed on the screen is selected;

obtaining an owner identifier, which indicates the creator of objects, related to the obtained node identification code by referring to the user management table of the user system, wherein said user management table comprises node identification codes, user names, owner identifiers, and security levels; and

displaying the owner identifier on the screen, by means of superposition at one of starting and finishing points of the selected object, and other points of the selected object, ~~wherein such that~~ objects associated with the ~~obtained~~ displayed owner identifier ~~may be~~ are discriminated from objects associated with other owner identifiers.

9. (Cancelled)

10. (Allowed) The method of identifying a collaboration work object according to claim 17, wherein the displaying of each of the obtained objects on the screen is carried out by superposing an owner identifier, which indicates the creator of objects, related to the selected owner at one of starting and finishing points of the object, and other points of the object.

Atty. Docket No. JP919990227US1  
(590.049)

11. **(Allowed)** The method of identifying a collaboration work object according to claim 17, further comprising the step of performing an editing work including copying, movement, deletion and others for each of the obtained objects.

12. **(Allowed)** The method of identifying a collaboration work object according to claim 11, wherein the user management table further registers said security level information related to the node identification code, and the editing operation is permitted within a range compliant with the security level information.

13. **(Previously Presented)** The method of identifying the owner of a collaboration work object according to claim 8, further comprising the steps of:

transmitting, when any one of the plurality of user systems starts collaboration work, user information containing a node identification code thereof and an owner identifier to the other user systems; and

causing the other user systems having received the user information to store in each user management table.

14. **(Previously Presented)** The method of identifying the owner of a collaboration work object according to claim 8, wherein the displaying of the owner identifier on the screen in the manner of discrimination from the other objects is deleted or eliminated by a timer operation.

15. **(Previously Presented)** A computer readable storage medium recording program codes used to control a computer system having a plurality of user systems

Atty. Docket No. JP919990227US1  
(590.049)

connected to each other, alternatively a plurality of user systems connected to each other through a computer network,

wherein the program codes include:

a program code for causing one of the user systems to store object data contained in collaboration work data received from the other user systems in an object management table by relating the data to a node identification code of each of the other user systems, and to display an object thereof on a screen of the user system, wherein said object management table comprises node identification codes, object data, and graying-out flags;

a program code for obtaining, when the object displayed on the screen is selected, the node identification code by referring to the object management table;

a program code for obtaining an owner identifier, which indicates the creator of objects, related to the obtained node identification code by referring to a user management table of the user system, wherein said user management table comprises node identification codes, user names, owner identifiers, and security levels; and

a program code for displaying the owner identifier on the screen by means of superposition at one of starting and finishing points of the obtained object, and other points of the obtained object, ~~wherein~~ such that objects associated with the obtained owner identifier ~~may be~~ are discriminated from objects associated with other owner identifiers.

16. (Cancelled)

Atty. Docket No. JP919990227US1  
(590.049)

17. (Allowed) A method of identifying a collaboration work object, the object having been created based on collaboration work by using a computer system having a plurality of user systems connected to each other, alternatively a plurality of user systems connected to each other through a computer network, comprising the steps of:

causing one of the user systems to store object data contained in collaboration work data received from the other user systems in an object management table by relating the data to a node identification code of each of the other user systems, wherein said object management table comprises node identification codes, object data, and graying-out flags;

displaying on the screen of said user system the collaboration work objects created during a collaboration work session;

displaying on the screen of said user system the owners of collaboration work objects created during said collaboration work session, wherein an owner is the creator of objects and wherein a particular owner can be selected; and

displaying upon the selection of said particular owner by a system user all of said particular owner's collaboration work objects created by said particular owner during the collaboration work session in a manner such that the selected owner's collaboration work objects are discriminated from said other collaboration work objects, wherein a node identification code given for a user system of the selected owner by referring to a user management table of the user system and the work objects related to the obtained node identification code by referring to the object management table are obtained, wherein said

Atty. Docket No. JP919990227US1  
(590.049)

user management table comprises node identification codes, user names, owner identifiers, and security levels.

18. (Allowed) A computer readable storage medium recording program codes used to control a computer system having a plurality of user systems connected to each other, alternatively a plurality of user systems connected to each other through a computer network,

wherein the program codes include:

a program code for causing one of the user systems to store object data contained in collaboration work data received from the other user systems in an object management table by relating the data to a node identification code of each of the other user systems, and to display an object thereof on a screen of the user system, wherein said object management table comprises node identification codes, object data, and graying-out flags;

a program code for displaying on the screen of said user the owners of collaboration work objects created during said collaboration work session, wherein an owner is the creator of objects and wherein a particular owner can be selected;

a program code for displaying upon the selection of said particular owner by a system user all of said particular owner's collaboration work objects created by said particular owner during the collaboration work session in a manner such that the selected owner's collaboration work objects are discriminated from said other collaboration work objects, wherein a program code obtains a node identification code given for a user system of the selected owner by referring to a user management table of the user system



Atty. Docket No. JP919990227US1  
(590.049)

and the work objects related to the obtained node identification code by referring to the  
object management table, wherein said user management table comprises node  
identification codes, user names, owner identifiers, and security levels.